IN THE CLAIMS:

1	1.	(Cancelled)

- 2. (Currently Amended) The conformable fuel cell as defined in claim <u>1-6</u> wherein
- said current collectors at each of said anode aspect and said cathode aspect apply ade-
- quate compression effectively over the active area of the membrane electrolyte.
- 1 3. (Original) The conformable fuel cell as defined in claim 2 wherein said compres-
- sion applied to said active area is equal to or greater than about 100 psi.
- 4. (Currently Amended) The conformable fuel cell as defined in claim <u>1-6</u> further
- comprising management of water from cathode to anode such that water management is
- 3 achieved within the fuel cell.
- 5. (Currently Amended) The conformable fuel cell as defined in claim <u>1-6</u> wherein
- said fuel is substantially comprised of at least one of the following: a vapor fuel, a gel
- fuel, a liquid fuel and combinations thereof.
- 6. (Currently Amended) The conformable fuel cell as defined in claim 1 further compris-
- 2 ingA conformable fuel cell, comprising:
- 3 (A) a membrane electrolyte intimately interfacing with a catalyst layer
- along each of the membrane's major surfaces being a catalyzed membrane electro-
- byte, having an anode aspect and a cathode aspect, and which catalyzed membrane
- 6 <u>electrolyte is conformable to a plurality of desired shapes;</u>
- 7 (B) diffusion layers sandwiching said catalyzed membrane electrolyte,
- said diffusion layers being comprised of materials that are conformable;

9	(C) flexible current collectors coupled with each of said anode aspect
10	and said cathode aspect of said membrane electrolyte;
11	(D) a fuel delivery means coupled with said anode aspect of said mem-
12	brane electrolyte that delivers fuel substantially uniformly to said anode aspect
13	while said fuel cell maintains a desired shape;
14	(E) a conformable fuel cell housing formed from a molded plastic
15	frame that has been formed according to said desired shape, said conformable fuel
16	cell housing maintaining high compression along the active surfaces of the fuel
17	<u>cell;</u>
18	(F) electrical coupling disposed across said anode aspect and said cathode as-
19	pect and having means for connection to an application device being powered by said
20	fuel cell; and
21	(G) a dedicated layer of material that substantially expands upon hydration,
22	thus imparting compression.
1	7-11 (Cancelled)
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1	12. (Currently Amended) The conformable fuel cell as defined in claim <u>4-6</u> wherein
2	said conformable fuel cell is shaped to conform to one of the following:
3	(A) a body segment; and
4	(B) a contoured wall of an application device; and
5	(C) an exterior housing or an interior volume of an application device.
1	13. (Currently Amended) The conformable fuel cell as defined in claim <u>1-6</u> wherein
2	said conformable fuel cell is configured to attach to an article of clothing mechanically.

2	fuel de	livery is accomplished from a detachable conduit that connects to said anode as-
3	pect of	the fuel cell.
1	15-25	(Cancelled)
	26	
2	26.	(Currently Amended) The conformable fuel cell as defined in claim 1 further
3	compri	ising A conformable fuel cell, comprising:
4		(A) a membrane electrolyte intimately interfacing with a catalyst layer
5		along each of the membrane's major surfaces being a catalyzed membrane electro-
6		lyte, having an anode aspect and a cathode aspect, and which catalyzed membrane
7		electrolyte is conformable to a plurality of desired shapes;
8		(B) diffusion layers sandwiching said catalyzed membrane electrolyte,
9		said diffusion layers being comprised of materials that are conformable;
10		(C) flexible current collectors coupled with each of said anode aspect
11		and said cathode aspect of said membrane electrolyte;
12		(D) a fuel delivery means coupled with said anode aspect of said mem-
13		brane electrolyte that delivers fuel substantially uniformly to said anode aspect
14		while said fuel cell maintains a desired shape;
15		(E) a conformable fuel cell housing formed from a molded plastic
16		frame that has been formed according to said desired shape, said conformable fuel
17		cell housing maintaining high compression along the active surfaces of the fuel
18		<u>cell;</u>

(Currently Amended) The conformable fuel cell as defined in claim 1-6 wherein

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19	(F) electrical coupling disposed across said anode aspect and said cathode as-
20	pect and having means for connection to an application device being powered by said
21	fuel cell; and
22	(G) a dedicated layer of material that substantially expands upon exposure to
23	fuel, thus imparting compression.
	27 (Concelled)
1	27. (Cancelled)
1	28. (Currently Amended) The conformable fuel cell of claim 46, wherein the con-
2	formable fuel delivery means comprises a layer of gelled fuel.
1	29. (Currently Amended) The conformable fuel cell of claim 46, wherein the con-
2	formable fuel delivery means is affixed to the anode aspect of the fuel cell.
1	30. (Cancelled)